Empathy-Index Logic Flowchart

Following are logic diagrams used for programming the Empathy-Index website.

Programming language.: PHP
Web Hosting service: Host Rocket, Semi-dedicated Server
Domain name Empathy-Index.Com
Paired questions will not exceed 100.

Project Assignment:

Provide **Valmine, Inc.** a fully tested, website-ready, compiled program using the attached logic. Any changes to this logic should be documented and/or clearly defined on the flowchart.
Program requires daily, automated, system maintenance to update and purge expired accounts.
Program provides maintenance tools for subsequent data entry for:

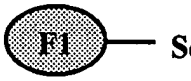
1. Addition, Deletion, and Editing of Questions
2. Addition, Deletion, and Editing of Analysis and Answers
3. Capability for customizing for additional projects of a similar nature.

Website must be Credit-Card Process capable.

Project Legend:

This shows an off-page connector "C" found on Page 3.
The corresponding "C" connector on page 3 might point back to "C-1" (Page 1).

This shows a connector "1" found on the next (and previous) page.



See Function Page "F1" for screen or logic details.

Screen Menu Selection

Optional Menu Selection

Comment box

Text in red will indicate screen text that the user will see. This text will appear in the Function Sections such as

Register Legend:

- **ACtr = Answer Counter. Highest Numbered Question Completed**
  Answer = Answer to question.
- **BP = Boiler Plate (from Response file).**
- **Decline = Decline check box**
- **Discuss = Discuss check box.**
- **F(p) = Finished Flag (Y/N) for EACH partner. Completed all questions and no further review allowed.**
- **Fdate = Last Finished date. Finish life not to exceed 30 days.**
- **M = Menu Register:**
  - **X = exit**
  - **P = previous question**
  - **Q = next question**
  - **Z = hold same question**
  - **R = review**
  - **S = resume**
  - **H = help**
  - **W = Password**
- **NA = Not Applicable check box.**
- **PEI = Primary respondent Empathy Index (Calculated).**
- **PS = Primary / Secondary Register (Index for Respondant)**
- **QCtr = Question Counter. The current displayed Question.**
- **Question = Question from Question file.**
- **R = Review Flag (Y/N).**
- **Rdate = Registration date. Question life not to exceed 60 days.**
- **SEI = Secondary respondent Empathy Index (Calculated).**
- **TQCtr= Total Questions Counter.**

The following Storage Registers must be dimensioned for both <u>QCtr</u> and <u>PS</u> (see flowchart page 6):

Answer
Decline
Discuss
NA

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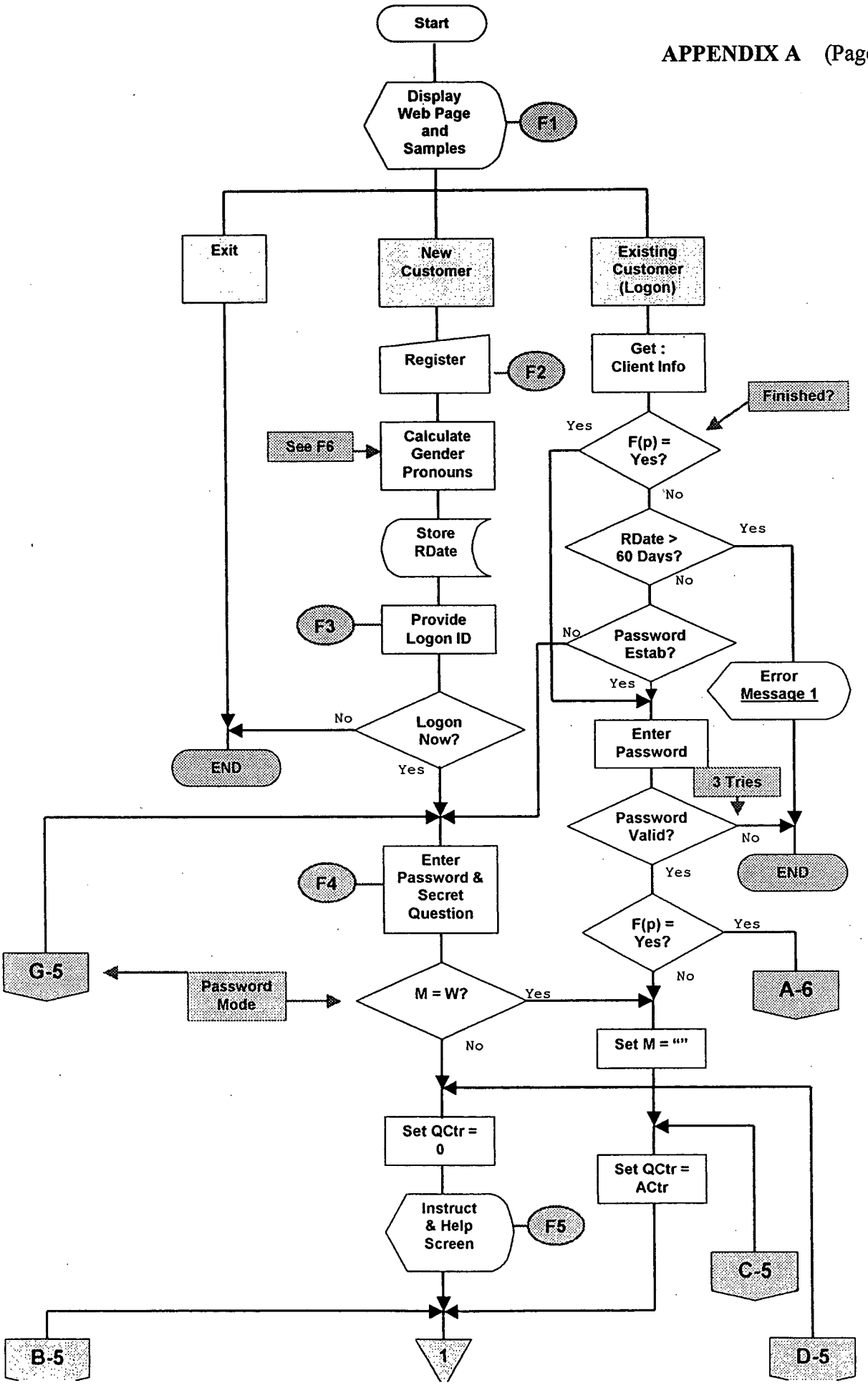

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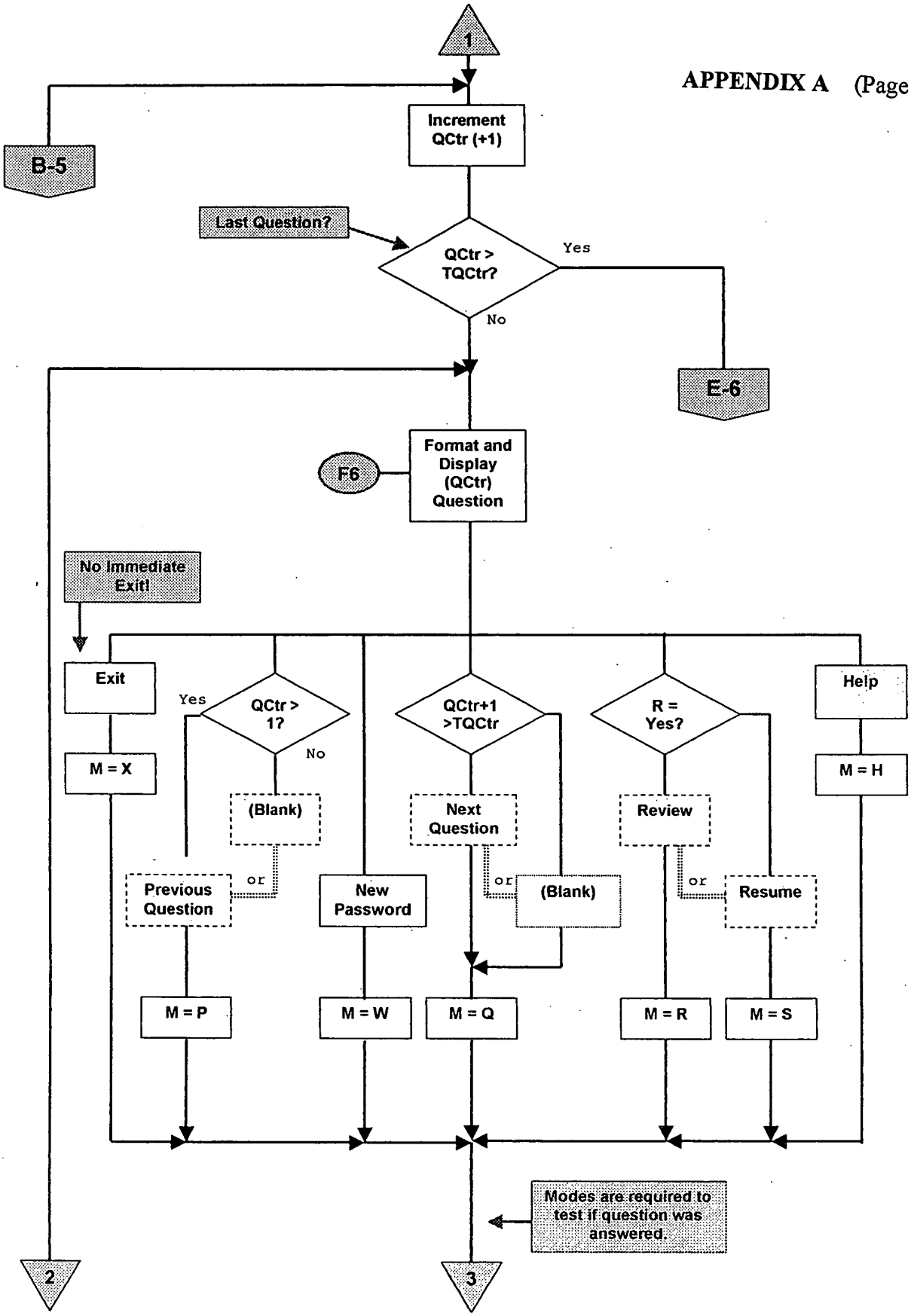

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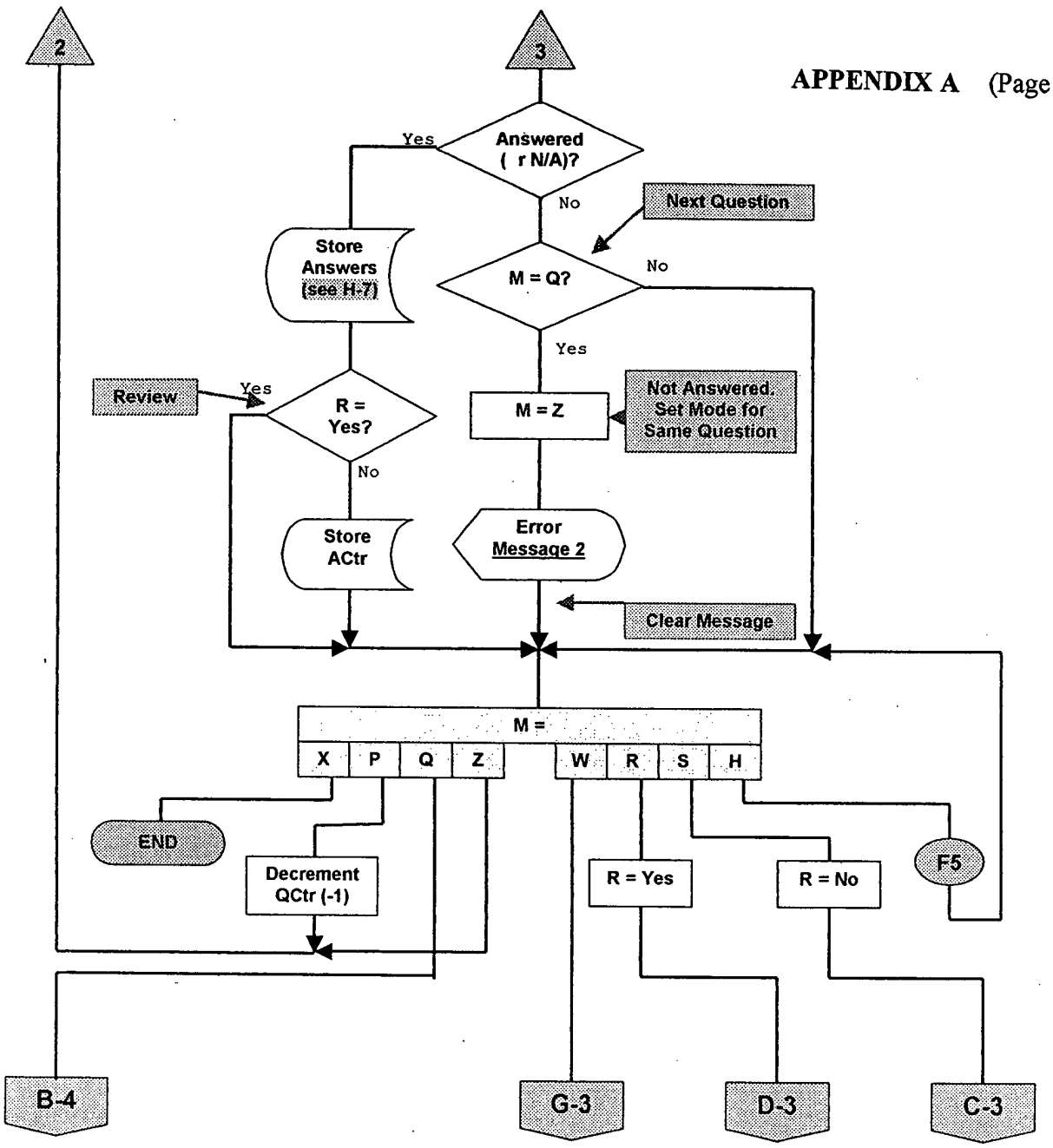

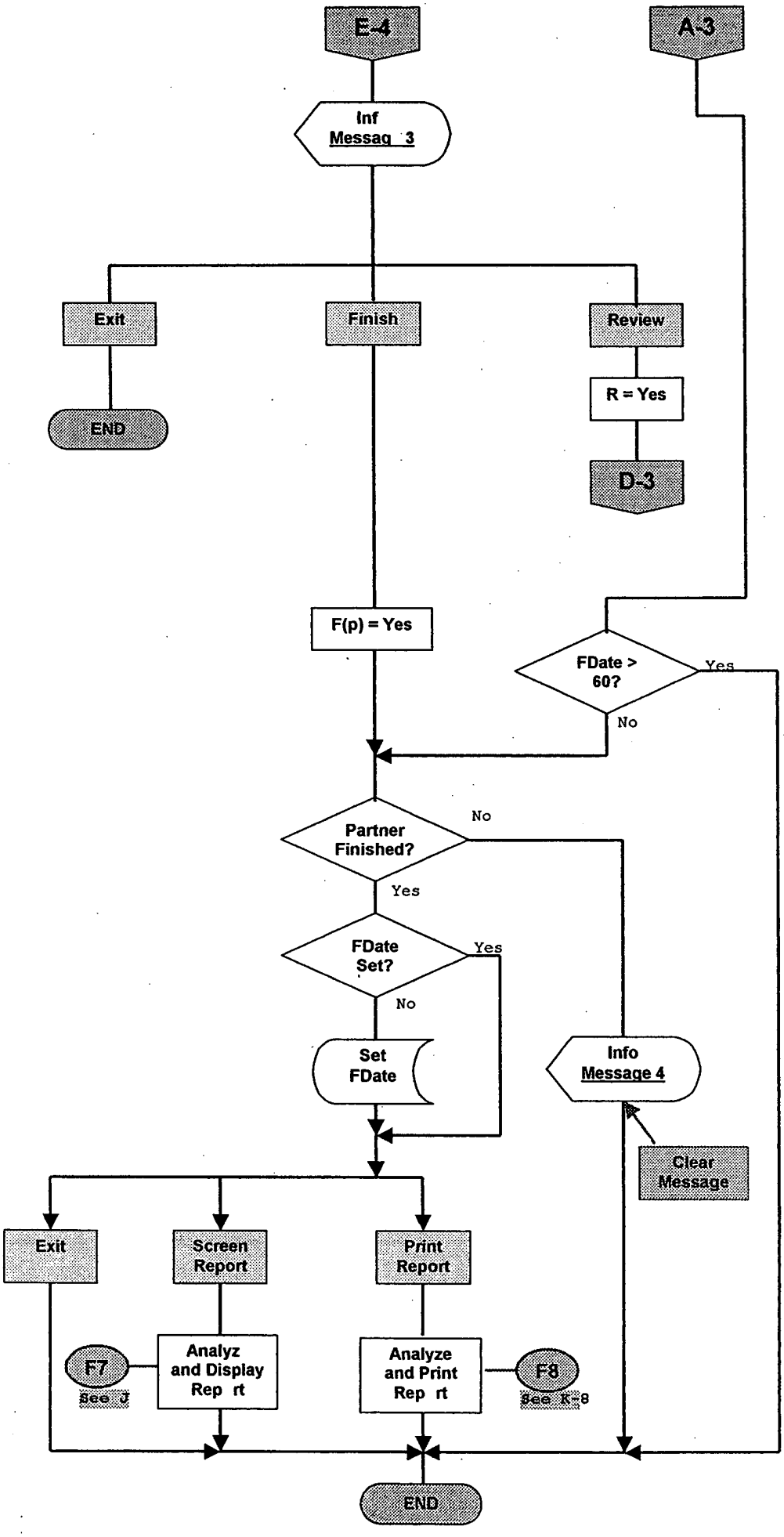

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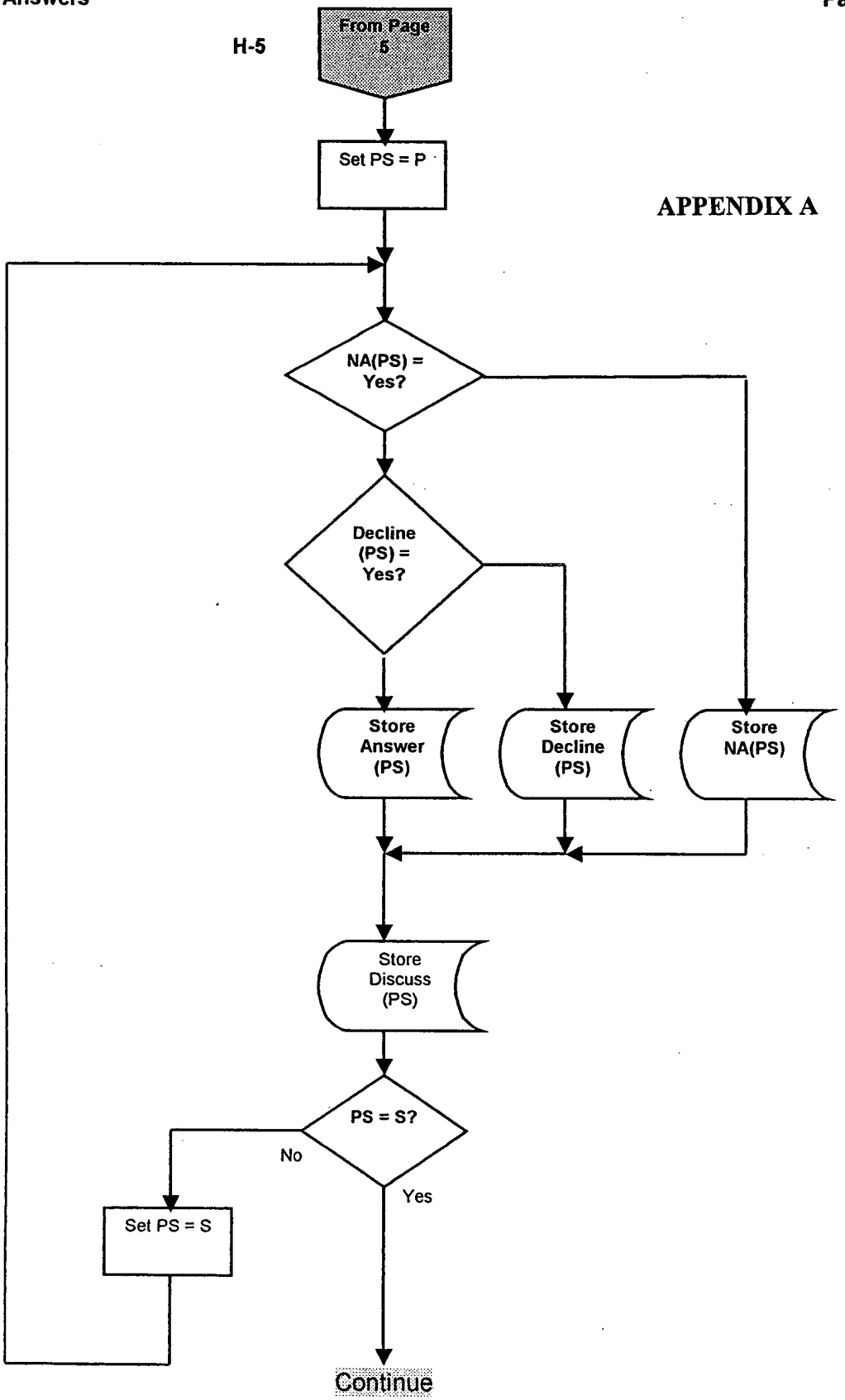
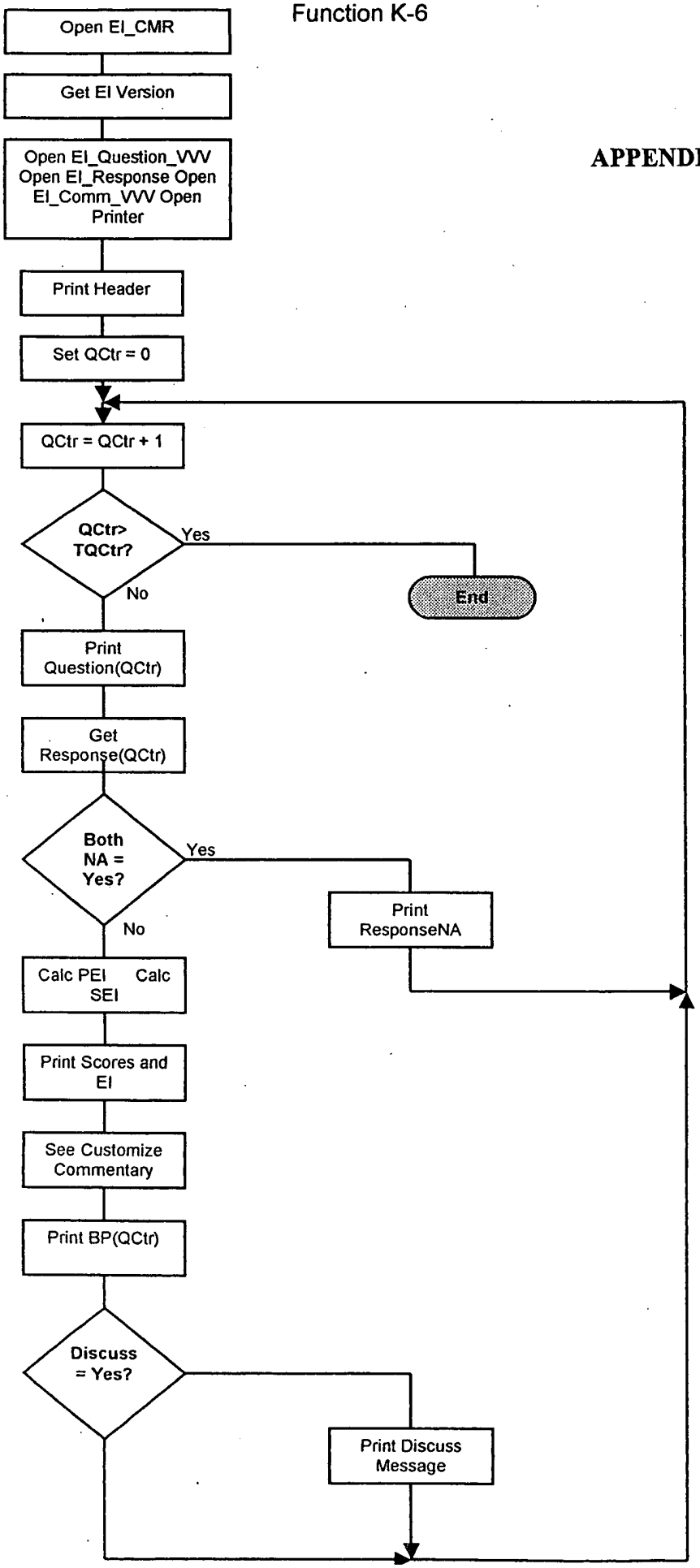
H-5


From Page 5
Set PS = P
NA(PS) = Yes?
Decline (PS) = Yes?
Store Answer (PS)
Store Decline (PS)
Store NA(PS)
Store Discuss (PS)
PS = S?
No
Yes
Set PS = S
Continue

Function K-6


Open EI_CMR
Get EI Version
Open EI_Question_VVV Open EI_Response Open EI_Comm_VVV Open Printer
Print Header
Set QCtr = 0
QCtr = QCtr + 1
QCtr> TQCtr?
Yes
No
End
Print Question(QCtr)
Get Response(QCtr)
Both NA = Yes?
Yes
No
Print ResponseNA
Calc PEI Calc SEI
Print Scores and EI
See Customize Commentary
Print BP(QCtr)
Discuss = Yes?
Print Discuss Message

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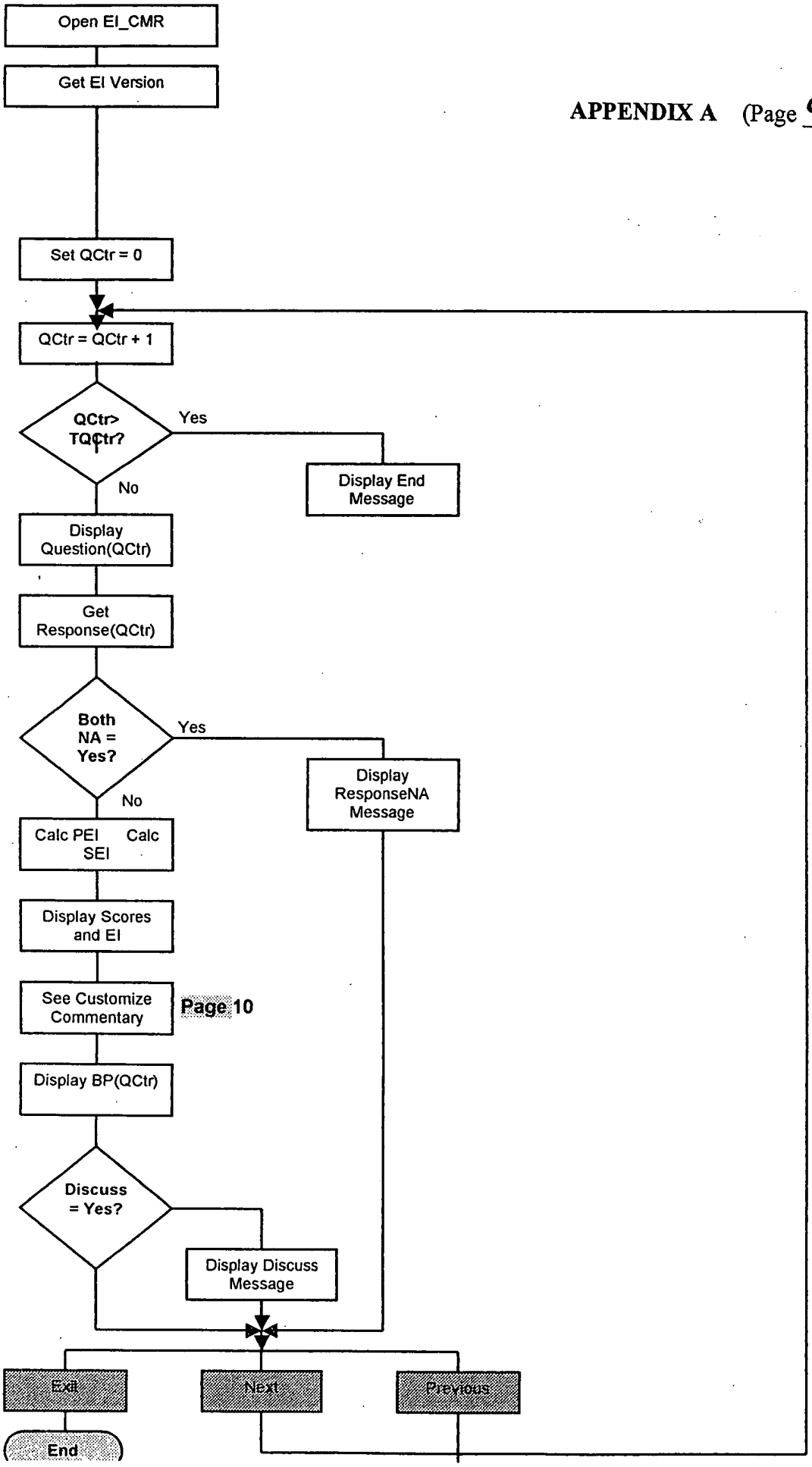

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```
Case Blank                    'Decline
     Select Case SEI
          Case Blank
               Print ResponseBB
          Case 0
               Print ResponseB0
          Case < 3
               Print ResponseB12
          Case < 6
               Print ResponseB345
          Case Else
               Print ResponseB678
Case 0
     Select Case SEI
          Case Blank
               Print Response0B
          Case 0
               Print Response00
          Case < 3
               Print Response012
          Case < 6
               Print Response0345
          Case Else
               Print Response0678
Case < 3
     Select Case SEI
          Case Blank
               Print Response12B
          Case 0
               Print Response120
          Case < 3
               Print Response1212
          Case < 6
               Print Response12345
          Case Else
               Print Response12678
Case < 6
     Select Case SEI
          Case Blank
               Print Response345B
          Case 0
               Print Response3450
          Case < 3
               Print Response34512
          Case < 6
               Print Response345345
          Case Else
               Print Response345678
Case
Case Else
     Select Case SEI
          Case Blank
               Print Response678B
          Case 0
               Print Response6780
          Case < 3
               Print Response67812
          Case < 6
               Print Response678345
          Case Else
               Print Response678678
End Select
```